

Converting Colors

XYZ(25.6078, 25.6176, 19.8500)

Have a look what the booklet for
XYZ(25.6078, 25.6176, 19.8500)
contains.

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Color

**XYZ(25.6631, 25.7338,
19.8342)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8773
RGB	157, 135, 115
RGB Percent	62%, 53%, 45%
CMY	0.3843, 0.4706, 0.5490
CMYK	0.00, 0.14, 0.27, 0.38
HSL	29°, 18%, 53%
HSV	29°, 27%, 62%
XYZ	25.6631, 25.7338, 19.8342
YIQ	139.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

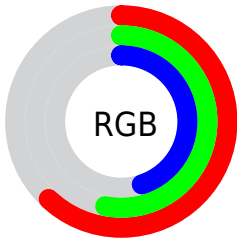
Format	Color
R_{YB}	157, 153, 115
Decimal	10323827
CIE _{Lab}	57.78, 5.13, 13.84
CIE _{LCh}	58, 14.760, 69.644
Yxy	25.7338, 0.3603, 0.3613
Android (android.graphics.Color)	4288513907 (0xFF9D8773)
YUV	139.2980, -11.9789, 15.5247
Hunter-Lab	50.7285, 1.5267, 12.3283

Details

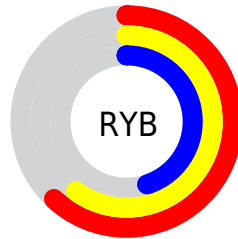
The XYZ color **25.6631, 25.7338, 19.8342** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1015, 23.9699, 35.3602**, and the grayscale version is **24.6955, 25.9816, 28.2939**.

A 20% lighter version of the original color is **52.1096, 52.7535, 43.9952**, and **10.0873, 9.9055, 6.6905** is the 20% darker color. If you saturate the color by 10%, you get **23.7324, 23.1970, 15.1066**, and if you desaturate by 10%, it is **27.8377, 28.5117, 25.4028**.

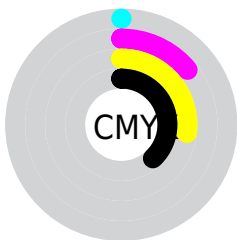
Distribution



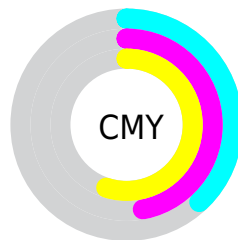
- Red (62%)
- Green (53%)
- Blue (45%)



- Red (62%)
- Yellow (60%)
- Blue (45%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6631, 25.7338, 19.8342 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 25.6631, 25.7338, 19.8342 by changing the saturation by 10% instead.

■ 25.6631, 25.7338,
19.8342

■ 25.6631, 25.7338,
19.8342

273.4114,
281.4729, 263.5906

■ 16.7031, 16.6246,
12.0917

■ 52.1661, 52.8452,
43.9943

■ 10.1170, 9.9672,
6.6829

■ 70.4399, 71.6162,
61.2491

■ 5.5395, 5.3772,
3.1891

■ 92.5490, 94.3765,
82.5116

■ 2.6051, 2.4702,
1.1920

118.8587,
121.5107, 108.2005

■ 0.9486, 0.8617,
0.0000

149.7345,
153.4030, 138.7343

■ 0.0000, 0.0000,
0.0000

185.5416,

190.4378, 174.5316

226.6455,
232.9997, 216.0108

■ 25.6631, 25.7338,
19.8342

■ 25.6631, 25.7338,
19.8342

■ 23.7324, 23.1970,
15.1066

■ 27.8377, 28.5117,
25.4028

■ 22.0337, 20.8908,
11.1768

■ 30.2633, 31.5340,
31.8497

■ 20.5573, 18.8087,
8.0000

■ 32.9493, 34.8084,
39.2117

■ 19.2916, 16.9429,
5.5261

■ 35.9038, 38.3409,
47.5232

■ 18.2238, 15.2845,
3.6992

■ 39.1347, 42.1375,
56.8165

■ 17.3395, 13.8242,
2.4543

■ 42.6495, 46.2039,
67.1228

■ 16.6178, 12.5496,
1.6929

■ 46.4553, 50.5458,
78.4715

■ 16.4054, 12.1696,
1.4843

■ 50.5590, 55.1685,
90.8911

■ 54.7571, 59.9930,
103.3015

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.1764, 25.7338, 22.2463



25.6631, 25.7338, 19.8342



23.8931, 25.7338, 19.4622

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.6631, 25.7338, 19.8342



21.2530, 25.7338, 29.6855



26.6970, 25.7338, 36.2211

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.6631, 25.7338, 19.8342



22.1015, 23.9699, 35.3602

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.0341, 25.7338, 38.7771



25.6631, 25.7338, 19.8342



21.9294, 25.7338, 34.7145

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.6631, 25.7338, 19.8342



21.4032, 25.7338, 24.7620



23.2936, 25.7338, 38.1947



27.7930, 25.7338, 31.5513

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.6631, 25.7338, 19.8342



22.8132, 25.7338, 20.3690



23.2936, 25.7338, 38.1947



26.1826, 25.7338, 37.3801

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.6638, 25.7350, 19.8347



53.5611, 55.6878, 55.3221



24.5797, 21.2475, 26.6236



11.6457, 12.0803, 11.7974



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.6638, 25.7350, 19.8347



43.8808, 43.3717, 30.3778



28.8208, 32.0490, 20.8871



6.8806, 7.1411, 7.0014



13.3608, 9.9573, 1.2178



0.2810, 0.2623, 0.0358

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.1015, 23.9699, 35.3602



36.4261, 39.6770, 62.8653



19.4480, 18.6627, 34.4757



6.5577, 6.9812, 8.4086



7.4446, 6.9808, 26.8623



0.1754, 0.2093, 0.4944

Previews

White Background



This preview shows how the XYZ color 25.6631, 25.7338, 19.8342 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.6631, 25.7338, 19.8342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6631, 25.7338, 19.8342

Background



This preview shows how black text looks on a background with the XYZ color 25.6631, 25.7338, 19.8342.



This preview shows how white text looks on a background with the XYZ color 25.6631, 25.7338,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.6631, 25.7338, 19.8342

Protanopia

24.2976, 25.8606, 20.5406

Deuteranopia

26.3176, 25.8651, 19.8250



Tritanopia

27.4212, 25.6293, 28.7010

Trichromacy



Original Color

25.6631, 25.7338, 19.8342

Protanomaly

24.8185, 25.9219, 20.2184

Deuteranomaly

26.1168, 25.7616, 19.8156

Tritanomaly

26.7142, 25.5394, 25.3514

Monochromacy



Original Color

25.6631, 25.7338, 19.8342

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9718, 25.8997, 24.8021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6631, 25.7338, 19.8342 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(157, 135, 115)` looks like.

```
.text, #text, p{  
    color:rgb(157, 135, 115)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(157, 135, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 135, 115) }
```

Border

The CSS property to change the border of an element to XYZ 25.6631, 25.7338, 19.8342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

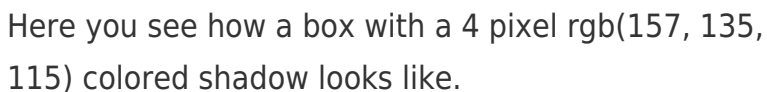
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 135, 115) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(157, 135, 115) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(157, 135, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 135, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 135, 115); box-shadow:4px 4px 4px 4px rgb(157, 135, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6631, 25.7338, 19.8342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 135, 115) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(157,  
135, 115) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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